

IN THE UNITED STATES RECEIVING OFFICE (RO/US)  
Designated/Elected Office (DO/EO/US)

20 JUL 2005

U.S. National Stage of  
International Application No.: PCT/JP03/07332  
International Filing Date: June 10, 2003  
U.S. National Application No.: 10/517,543  
Earliest Priority Date: June 10, 2002  
Applicants: Yuzo Minobe, Lisa Monna, Junko Suzuki  
Rieko Ohta, Hiroshi Nemoto and Osamu Ideta  
Title: METHODS FOR DISTINGUISHING RICE VARIETIES  
Attorney's Docket No.: 3462.1013-000

Date: 7-20-05

EXPRESS MAIL LABEL NO. EV 215898205 US

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.57(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
  - ☒ Copies of the cited references are enclosed.
    - ☐ Copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
  - ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
  - ☒ The listed references C1, C2, C3, C4, and C6 were cited in the enclosed International Search Report in a counterpart foreign application.
  - ☒ The "concise explanation" requirement (non-English references) for references C5, C7 under 37 CFR 1.98(a)(3) is satisfied by:
    - ☒ the enclosed English translations.
  - ☒ The "concise explanation" requirement (non-English reference) for reference C3 under 37 CFR 1.98(a)(3) is satisfied by:
    - ☒ submission of the enclosed International Search Report

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed, except any application filed on or after June 30, 2003, which has been scanned into the PTO's Image File Wrapper (IFW) system and is available to the examiner.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By David E. Brook  
David E. Brook  
Registration No.: 22,592  
Telephone: (978) 341-0036  
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated: 7/10/05

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3462.1013-000		APPLICATION NO. 10/517,543	
<b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  <b>July 14, 2005</b>  (Use several sheets if necessary)		FIRST NAMED INVENTOR Yuzo Minobe		FILING DATE I.A. filing date 06/10/03	
		EXAMINER		CONFIRMATION NO. 9995	
				GROUP	

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	A1			
	A2			
	A3			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
	B1					
	B2					
	B3					
	B4					

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	C1	Germano, J., et al., "Species-specific nuclear and chloroplast single nucleotide polymorphisms to distinguish <i>Picea glauca</i> , <i>P. mariana</i> and <i>P. Rubens</i> ," <i>Theor. Appl. Genet.</i> , 99: 37-49 (1999).
	C2	Gupta, P.K., et al., "Single nucleotide polymorphisms: A new paradigm for molecular marker technology and DNA polymorphism detection with emphasis on their use in plants," <i>Curr. Sci.</i> , 80(4): 524-535 (2001).
	C3	Hashimoto, K., et al., "Ichienki Tagata (Single Nucleotide Polymorphisms: SNPs) Kaiseki Shuho Kaihatsu to Jutaku Kaiseki," <i>Saibo</i> , 32(4): 152-155 (2000).
	C6	Nasu, S., et al., "Search for and analysis of single nucleotide polymorphisms (SNPS) in rice ( <i>Oryza sativa</i> , <i>Oryza rufipogon</i> ) and establishment of SNP markers," <i>DNA Res.</i> , 9(5):163-171 (2002).
	C5	Nasu, S., et al., <i>Ikushugaku Kenkyu (Breeding Research)</i> , 4 suppl. 1: 88(231) (2002). Translation.
	C6	Rice Genome Research Program, "Genome Sequencing, Chromosome 1, Clone Name: P0025A05," [online], March 21, 2002. Retrieved from the Internet <URL: <a href="http://rgp.dna.affrc.go.jp/">http://rgp.dna.affrc.go.jp/</a> >
	C7	Yui, R., et al., <i>Ikushugaku Kenkyu (Breeding Research)</i> , 4 suppl. 1: 89(232) (2002). Translation.

EXAMINER	DATE CONSIDERED
----------	-----------------